ScanMaker 8700 Silver

MICROTEK
ScanMaker 8700
The Most Complete IEEE 1394 Scanner for the Power User!
FireWire & USB Connections
True 2400 x 1200 dpi Optical Resolution
True 42-Bit Input & Output
Patented Dual Media Design
SilverFast Ai 5

"ScanMaker 8700 is a direct rival to the Heidelberg 1400, yet it's faster, offers a greater scanning area, provides better transparency scanning, more versatile connectivity and costs £450 less"

Computer Arts Magazine July 2001

STAR RATING Macworld

ScanMaker 8700 - Features And Benefits

• FireWire and USB Connections

The ScanMaker 8700 offers the choice of high speed FireWire or ubiquitous USB connections. Windows users can benefit from FireWire performance by installing the included FireWire PCI card.

• Built-in, Glass-Free Transparency Unit

E.D.I.T. (Emulsion Direct Imaging Technology) allows scanning directly through film with NO glass. E.D.I.T. eliminates Newton Ring distortion and delivers sharp scans with accurate colour values.

• True 1200 x 2400 dpi Resolution

High resolution allows sharp enlargement of small images for high-quality reproduction.

• True 42-Bit Colour Input And Output

Delivers trillions of true colours for the most accurate high-lights and shadows (DMax of 3.4).

• LaserSoft™ SilverFast™ Ai 5.5

The ONLY professional scanning package to successfully combine ease of use, quality and productivity. Now includes NegaFix, a simple 3-step process to achieving accurate negative scans.

• No Hidden Extra Costs

- FireWire PCI card included (Win 98SE/2000/Me/xp)
- All E.D.I.T SnapTrans Transparency Templates
- Firewire and USB cables
- Adobe™ Photoshop™ 5.0 Limited Edition included
- Even the transparency unit is built-in.

• Two Year Total Support

Microtek back up their superb service record with Total Support, offering a replacement scanner should the hardware fail and **FREE** technical support for two years.

MICROTEK TOTAL SUPPORT

Adobe Photoshop 5 LE Included

99% Accurate OCR

Built-in Colour Management

For more information:
In the United Kingdom please call 01327 844880
For all other countries please contact your local country distributor,
Microtek Europe on +31 10242 5688 or email us at info@microtek.nl

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Glass Free Transparency Scanning

See The E.D.I.T. Difference

Microtek's patented E.D.I.T. (Emulsion Direct Imaging Technology) allows images to be captured directly from the emulsion surface of the film originals without an interfering pane of glass. The result is distortion free images, diminished light refraction, and elimination of "Newton Rings" - those annoying and extremely hard-to-remove concentric circles that result from scanning a transparency through a glass plate.

The image below illustrates the difference with and without E.D.I.T. The image scanned with E.D.I.T. is clearly superior - preserving all the detail, clarity and colour depth of the original transparency.

Newton Rings
An image retoucher's nightmare, these can take hours to remove and really cut into your design schedules.

Fingerprints
These will show up frequently on your scanner's glass bed unless it is regularly cleaned with special glass cleaner.

Dust and fine hair
These have a habit of appearing all too often - even on freshly blown and dusted film surfaces.

Scratches
Over time, it's hard to avoid scratches building up on glass. If the scratches are on your film, E.D.I.T. keeps them to a minimum.

Picture Perfect
E.D.I.T. delivers a much clearer picture. Note the enhanced clarity and overall colour quality. As the film is scanned directly and not through a glass pane, annoying Newton rings and distortions are nowhere to be seen.

All five E.D.I.T. SnapTrans Templates are included with the ScanMaker 8700.

- 35mm Slide Holder
- 35mm Strip Holder
- Medium Format Holder (6 x 4.5 to 6 x 9cm)
- Large Format 5 x 4 inch Holder
- 10 x 8 inch and Panoramic Film Holder

SCANMAKER 8700 SPECIFICATIONS

SCANNING AREA
216mm x 356mm
8.5" x 14" (Reflective)

203mm x 254mm
10" x 8" (Transparency)

RESOLUTION
Optical: 1200 x 2400dpi
Interpolated: 9600 x 9600dpi

BIT DEPTH
True 42-bit colour
(approx. 4,398 Billion Colours)

DENSITY
Range: 3.3D (3.4 DMax)

SPEED
A4 Preview: 6 seconds
4ms/colour line at 600 dpi
8ms/colour line at 1200 dpi

DIMENSIONS
620mm (L) x 386mm (W) x 177mm (H)
24" (L) x 15.2" (W) x 7" (H)

WEIGHT:
25.5 lbs/11.6 kg

ENVIRONMENT
Operating Temperature:
10˚C to 40˚C / 50˚F to 104˚F
Relative Humidity: 20% to 85%

INTERFACE
IEEE 1394 Ports (FireWire)
USB Port (Universal Serial Bus)

LIGHT SOURCE
Cold-Cathode Lamp

3D SCANNING
Removable lid for 3D scanning.

The SM8700 Silver comes complete with:

- Five Transparency Templates
- FireWire, USB and Power Cables
- FireWire PCI Card (Win 98 SE/Me/2000)

- Adobe® Photoshop 5.0 LE® (Mac & PC)
- Adobe® Acrobat® Reader (Mac & PC)
- ABBYY FineReader™ Sprint OCR (Mac/PC)
- Microtek® ScanWizard® 5 (Mac & PC)
- SilverFast Ai 5.5® (Mac & PC)
- IT-8 Calibration Targets (Reflective and Transparency)

SYSTEM REQUIREMENTS

- CD-ROM drive (for installing software)
- Colour Display with 24-bit colour capability
- 64MB RAM

- **PC and compatibles - FireWire**
  Pentium II PC or later with Firewire port or available PCI slot for installing supplied FireWire card, Windows 98SE/2000/Me/xp.
- **Macintosh connection - FireWire**
  iMac, G3, G4, PowerBook with built-in Firewire support, Mac OS 9.x.

- **PC and compatibles - USB**
  Pentium PC or later with USB port or available PCI slot for installing a USB card, Windows 98/2000/Me/xp .
- **Macintosh connection - USB**
  iMac, G3, G4, PowerBook with built-in USB support, Mac OS 8.6 through 9.x.

MacWEEK Microtek ScanMaker's 4 ½ — ScanMaker 5
Best Buy July 1999 — ScanMaker X6USB
PC WORLD TOP 10 SCANNERS — ScanMaker X6USB
COMPUTER SHOPPER TOP 100 1999 — ScanMaker X6USB
PC WORLD TOP 10 SCANNERS — SlimScan C6USB
Macworld — ScanMaker X6
PC WORLD TOP 10 SCANNERS — ScanMaker V6UPL
100 Best Products of the Year Silver — ImageDeck
COMPUTER SHOPPER CHOICE 1999 — ScanMaker 4

Microtek has won more awards and has a history of more scanning innovations than anyone else in the desktop scanner industry.

For more information:
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SilverFast Ai 5.5

NegaFix

LaserSoft Imaging

Scanning Software
for Macintosh & Windows

"... a totally new experience beyond any imagined expectations."
Shutterbug April '99

"... worth the money alone"
PC Pro Magazine May '01 - when tested with the Microtek ScanMaker 8700 Silver

Predictable Colour

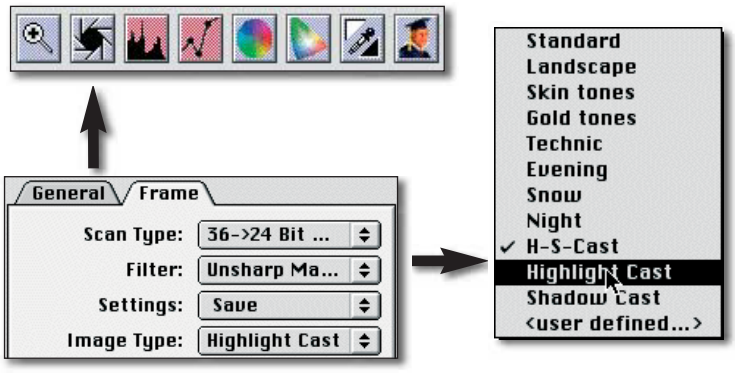
In the process of colour reproduction, it has always been difficult to get an exact match between final scan and what you see in the scan software's preview. SilverFast Ai 5.5 solves this with a unique integration into the Adobe® Photoshop® colour management environment. The colours you see in the Preview are exactly the colours you get on the final scan.

SilverFast Ai Preview

Final Scan

Powerful Automatic Image Adjustment

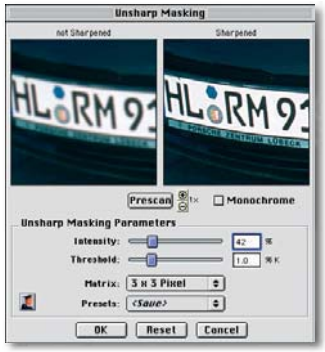
SilverFast Ai's powerful auto-adjust works with artificial intelligence and can handle the majority of tasks involving image enhancement.



The Auto-Adjust can be easily configured to any situation, as in the above example where a highlight colour cast needs to be eliminated from the image. Highlight min and max values can be preset under the "Option-Dialog" and adjusted to any production requirement. Whatever the reproduction task, with one click, the user can get to an optimised image quickly.

Brilliant Sharpness

SilverFast Ai has the best sharpness function (USM) available. Sharpness is a significant feature for brilliant images but controlling it can be difficult. Again, SilverFast Ai makes it easy to see the effect by presenting a before and after image.



Maximum Dynamic Range

Achieving maximum dynamic range is crucial for the best possible quality. SilverFast Ai works internally with a 16 bit colour space to ensure no information from the ArtixScan is lost. In combination with the ArtixScan's high sensitivity Kodak CCD and glass-free scanning, a very accurate pre-press quality result is assured.

CMYK SoftProof

By getting the image right before scanning, a great deal of time can be saved. CMYK Softproof allows the output colours to be viewed and optimised prior to scanning. Simply selecting the required ICC profile allows the output colours to be viewed in the Prescan window.

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SilverFast Ai 5.5

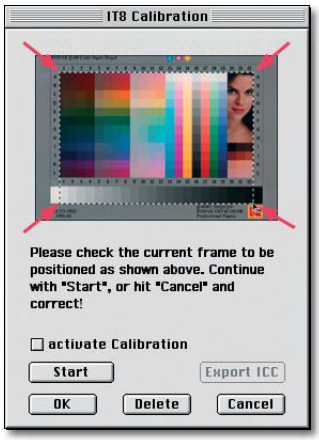
Professional Colour Correction with SilverFast Ai 5.5

Selective colour correction has always been an important tool for high-end colour reproduction. It gives the operator the ability to change individual colours without effecting other colours of the image. LaserSoft Imaging has improved selective colour correction, making it as intuitive and easy to use as any other tool of SilverFast Ai. SilverFast Ai can even combine its selective colour correction with “Simple Masking” to make very complex corrections possible directly on the SilverFast Ai preview.

Original image

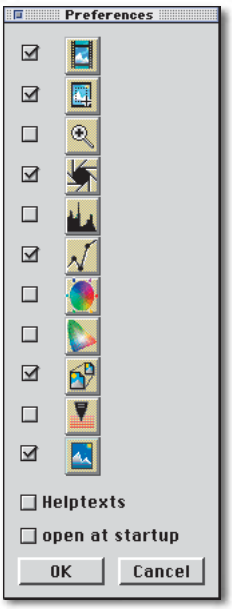
Same image after Selective Colour Correction

Integrated IT-8 Calibration



IT8 Calibration is the industry standard for scanner calibration. SilverFast Ai has integrated the IT8 Calibration so the user can immediately run through the calibration process. SilverFast Ai’s colour management implementation complies with all colour spaces in accordance with the highest colour management standards while remaining in full harmony with Adobe® Photoshop®.

ScanPilot



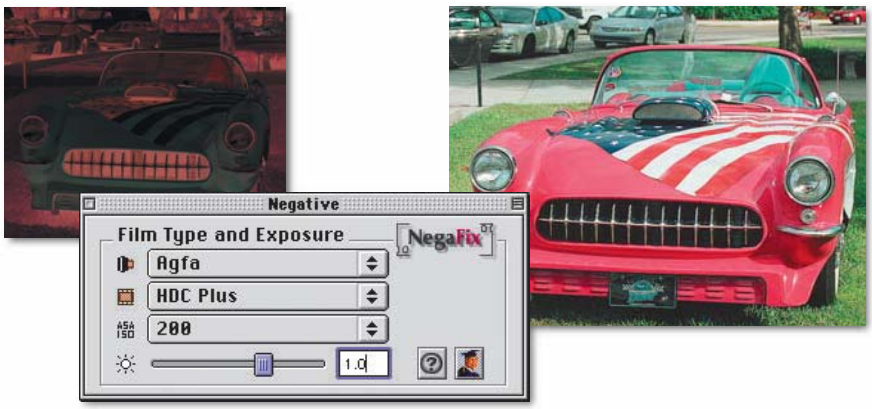
Pre-press scanning used to require professional skills. SilverFast Ai changed all that and now even first time scanner users can achieve brilliant results by using ScanPilot.

ScanPilot guides the user through the steps required to deliver a perfect image.

Nothing comes close to delivering this level of ease of use.

NegaFix - Negative Scanning Made Easy

NEW!



Negatives are perhaps the most complex films to scan. NegaFix not only makes this insanely easy, but is highly accurate too with over 120 preset film types. To scan a negative follow these simple steps:

1. Select film manufacturer eg. Agfa
2. Select film type eg. HDC Plus
3. Select film speed and adjust exposure if required

SilverFast Ai offers full manual control of this process if required.

Other SilverFast Ai Features

- Adobe® Photoshop® & TWAIN compliant
- Macintosh & Windows compliant
- RGB, CMYK & LAB compliant
- Fully ICC compliant
- Real-time image correction feedback
- Batch scanning support
- Unlimited undos
- Drag & Drop scanning support
- Multiple densitometers
- Prescan zoom facility

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